Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Sheet 1 of 1 Application Number 10:087,264 Docket Number 373722002600 Applicant Gracomo VACCA et al. Group Art Unit 1743 Filing Date February 28, 2002

Mailing Date February 11 2003

RECEIVED
FEB 2 0 2003
TC 1700

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
B	1.	02/27/2001	6,195,478	Fouquet			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Trans YES	lation NO
95	2.	10/01/1998	DE 197 11 564	Germany			Abstract	
1	3.	01/07/1998	EP 0 815 940	Europe				
	4.	12/16/1998	EP 0 884 714	Europe				
	5.	12/01/2000	FR 2 794 039	France			Abstract	
	6.	11/16/1988	GB 2 204 710	Great Britain				
96	7.	09/30/1992	GB 2 254 161	Great Britain				

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
95	8.	Togo, H. et al. (1999). "Multi-Element Thermo-Capillary Optical Switch and Sub-Nanoliter Oil Injection for its Fabrication," <i>Miro Electro Mechanical Systems</i> . 12 th IEE International Conference. <i>January 17-21, 1999</i> pp. 418-423.

EXAMINER:

DATE CONSIDERED: 5/11/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PTO/SB/ 08 (2-92) pa-751993

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PTO/SB/08 (2-92) Sheet Lof L

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

	Sheet I Of I
Docket Number 373722002600	Application Number 10/087,264
Applicant	
Giacoi	mo VACCA et al.
Filing Date February 28, 2002	Group Art Unit 1743

(Use several sheets if necessary)				Filing Date February 28	Filing Date February 28, 2002		Group Art Unit 1743	
İ				Mailing Date August Z	5 , 2002		& \	
		0	Too So					
Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate	
93	1.	04/04/1989	4,818,052	Le Pesant et al.		-		
93	2.	03/19/1985	4,505,539	Auracher et al.				
43	3.	01/19/1993	5,181,016	Lee				

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Trans YES	lation NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

	Examiner	Ref.	Title
ı	Initials	No.	
ſ			
-1			

5/11/04 EXAMINER: DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

				Sheet 1 of 3	
Form PTO-1449	Docket Number 373722002600 Application Number 10/087,264				
INFORMATION DISCLOSURE CITATION OPEN AN APPLICATION	Applicant Giacomo VACCA et al.				
OIPE IN AN APPLICATION Letter several sheets if necessary)	Filing Date February 28, 20	002	Group Art Lingt.	1743	
MAY 1 3 2002 W	Mailing Date May 7, 2002		*	· 10 /	
MAY 1 3 ZWZ 3				- January Company	
TRADEMARKS TARADEMARKS				1-0	
II S DATEN'	r documents				
U.S. I ATEN	Name	Class	Subclass	Filing Date If	
Examiner Ref. Date Document No. Initials No.	Name	Ciuss	Suociass	Appropriate	
1. 04/22/1986 4,583,824 Lea					
2. 12/06/1988 4,789,228 Le F	Pesant et al.				
3. 01/29/1991 4,988,157 Jack	cel et al.				
4. 12/16/1997 5,699,462 Fou	quet et al.			·	
5. 07/13/1999 5,921,678 Des	ai et al.		_		
6. 09/21/1999 5,956,005 She	ridon		_		
7. 09/28/1999 5,960,131 Fou	quet et al.		/		
8. 11/02/1999 5,978,527 Don	iald				
9. 04/25/2000 6,055,344 Fou	quet et al.				
10. 06/06/2000 6,072,924 Sate	et al.				
11. 01/09/2001 6,170,981 Reg	nier et al.				
12. 04/03/2001 6,210,128 Rife	e et al.		_		
13. 05/15/2001 6,231,737 Ran	nsey et al.				
14. 09/11/2001 6,287,520 Parc	ce et al.				
15. 10/23/2001 6,306,659 Parc	ce et al.				
16. 12/18/2001 6,331,073 Chu	ing				
17. 12/18/2001 6,331,439 Che	rukuri et al.				
18. 01/01/2002 6,334,676 Kas	zczuk et al.				
19. 01/08/2002 6,337,740 Pard	ce				
20. 01/29/2002 6,342,142 Ran	nsey				
TO SELOVE DATE		YC.			
<u> </u>	ENT DOCUMENT	ı ·	0.1.1	Tr I. die	
Examiner Ref. Date Document No. Initials No.	Country	Class	Subclass	Translation YES NO	
21. 06/24/1994 JP 06-175052 Japa	an			I	
21. 06/24/1994 JP 06-175052 Japa 22. 04/07/1995 JP 07-092405 Japa					

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTC	отт РТО-1449					Docket Number 373722002600 Application Number 10			
INFOF		ON DISCLO AN APPLIC	SURE CITATION	1	Applicant	Giacon	ю VACCA et al.	0	
OIP	$F \setminus$	e several sheets if i			Filing Date February 28, 2002 Group Art Unit 1743				
	<u>છ</u> ે	\			Mailing Date May 7,	2002		My tolon	
MAY 1-3	2002	 			<u> </u>			1.15	
23 03/08/1996 JP 08-062645 Jap					an				
12/27/2001 WO 01/98759 WI				PO			Derwent Abstract		
		•	OTH	ER D	OCUMENTS	(incl	uding author, title, E	Date, Pertinent Pages, Etc.)	
Examiner Ref. Title Initials No.									
95	25.	Patent Abstraabstract only	acts of Japan for Jap).	oanese	patent no. 06-17:	5052, publis	hed on June 24	, 1994 (2 pages,	
	26.	Patent Abstraabstract only	acts of Japan for Jap).	oanese	patent no. 07-092	2405, publis	shed on April 0	7, 1995 (1 page,	
	27.	Patent Abstra	acts of Japan for Jap).	oanese	patent no. 08-06	2645, publis	shed on March (08, 1996 (1 page,	
	28.	Beni, G. and	Hackwood, S. (198	31). "E	Electro-Wetting D	isplays," <i>Ap</i>	pl. Phys. Lett	38(4): 207-209.	
	29.	Jackel, J. L. 22(11): 1765		tro W	Wetting Switch for Multimode Optical Fibers," Applied Optics				
	30.		Lee, S. S. (2000). "' " Sensors and Actua			nental Study	of MHD (Mag	netohydrodynamic	
	31.		. M. et al. (1999). " " <i>J. Micromech. Mi</i>			on Fluidic (Controlled Two	-Mode	
	32.	Lea, M. C. (1981). "Optical Mo	dulato	rs Based on Elect	rocapillarity	," Optic Letter.	v 6(8):395397.	
	33.	Lee, J. and K Electrowetti	Kim, C-J (2000). "Sing," <i>Journal of Mic</i>	urface roelec	e-Tension-Driven Microactuation Based on Continuous ectromechanical Systems 9(2):171-180.				
	34.	Lemoff, A. V Actuators Bo		000).	"An AC Magnetohydrodynamic Micropump," Sensors and				
	35.	Makihara, M in Waveguid	I. et al. (1999). "Mie e Substrate," <i>Journ</i>	crome al of l	echanical Optical Switches Based on Thermocapillary Integrated Lightwave Technology 17(1):14-18.				
	36.	Pollack, M. (Microfluidic	G. and Fair, R. B. (? Applications," App	2000). plied F). "Electrowetting-Based Actuation of Liquid Dropets for Physics Letters 77(11):1725-1726.				
	37.	Prins, M. W. Science 291:	. J. et al. (2001). "F 277-280.	luid (ontrol in Multich	annel Struct	ures by Electro	capillary Pressure,"	
38. Richter, A. et al. (1991). "Electrohydr MEMS, New York, USA, pp. 271-270					drodynamic Pumping and Flow Measurement," IEEE PROC. 76.				
39. Richter, A. and Hermann, S. (1990). New York, USA, pp. 99-104.					"An Electohydrod	lynamie Mic	eropump," <i>IEE</i>	E PROC. MEMS.	
EXAMI	NER:	AM.	TSat)		DATE CO	NSIDERED:	5/11/04		
EXAMIN conforma	VER: Initiation	al if citation cons	idered, whether or not t clude a copy of this for	he citat n with	ion conforms with Minext communication t	PEP 609. Drav o applicant.	w a line through the	e citation if not in	

Form PTO-1449		Docket Number 373722002600 Application Number 10/087,264					
INFORMATI	ON DISCLOSURE CITATION AN APPLICATION S	Applicant Giacomo VACCA et al.					
	several sheets if necessary)	Filing Date February 28, 2002	Group Art Unit 17 19				
MAY 1 3 2002	37	Mailing Date May 7, 2002					
\S.	F1C		<i>"U</i>				
MADEMARY	Ross, D. and Aitchison, J. S. (2001). "Microfluidic Optical Switches Using Two Non-Mixing Fluids in a Mach Zehnder Interferometer," OECC/IOOC 2001 Conferences Incorporating ACOFT, Monday 2 July-Thursday 5, July, 2001, 2 pages.						
41.	Sakata, T. et al. (2001). "Improvement of Switching Time in a Thermocapillarity Optical Switch," <i>Journal of Lightwave Technology</i> 19(7):1023-1027.						
42.	Sato, M. (1994). "Electrocapillarity Optical Switch," IEICE Trans. Commun. E77-B(2):197-203.						
A 43.	Vallet, M. et al. (1996). "Electrowetting of Water and Aqueous Solutions on Poly(Ethylene Terephthalate) Insulating Films," <i>Polymer</i> 37(12):2465-2470.						

EXAMINER:

DATE CONSIDERED:

5/11/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.